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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/686,596	10/17/2003	Herbert Bruder	32860-000636/US	9376
30596 7.	590 04/29/2005		EXAMINER	
HARNESS, DICKEY & PIERCE, P.L.C.			BRUCE, DAVID VERNON	
P.O.BOX 8910 RESTON, VA			ART UNIT	PAPER NUMBER
,			2882	
			DATE MAILED: 04/29/2005	5

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)					
0.00	10/686,596	BRUDER ET AL.					
Office Action Summary	Examiner	Art Unit					
	David V. Bruce	2882					
The MAILING DATE of this communication Period for Reply	appears on the cover sheet with	the correspondence address					
A SHORTENED STATUTORY PERIOD FOR RI THE MAILING DATE OF THIS COMMUNICATION - Extensions of time may be available under the provisions of 37 CF after SIX (6) MONTHS from the mailing date of this communication - If the period for reply specified above is less than thirty (30) days, - If NO period for reply is specified above, the maximum statutory period for reply within the set or extended period for reply will, by set any reply received by the Office later than three months after the earned patent term adjustment. See 37 CFR 1.704(b).	ON. FR 1.136(a). In no event, however, may a rej n. a reply within the statutory minimum of thirty eriod will apply and will expire SIX (6) MONT statute, cause the application to become ABA	oly be timely filed (30) days will be considered timely. HS from the mailing date of this communication. NDONED (35 U.S.C. § 133).					
Status							
1) Responsive to communication(s) filed on							
2a) ☐ This action is FINAL . 2b) ☑	This action is non-final.						
	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.						
Disposition of Claims							
4) ☐ Claim(s) <u>1-28</u> is/are pending in the application 4a) Of the above claim(s) is/are with 5) ☐ Claim(s) is/are allowed. 6) ☐ Claim(s) <u>1,4,9-15,19,21 and 28</u> is/are rejection 2.3,5-8,16,17,20 and 22-27 is/are 8) ☐ Claim(s) are subject to restriction and 2.5 is/are 4.5 is/are	ndrawn from consideration. cted. e objected to.						
Application Papers							
9) ☐ The specification is objected to by the Exa 10) ☑ The drawing(s) filed on 15 March 2004 is/a		cted to by the Examiner.					
Applicant may not request that any objection to							
Replacement drawing sheet(s) including the control of the control							
Priority under 35 U.S.C. § 119							
a) All b) Some * c) None of: 1. Certified copies of the priority docur 2. Certified copies of the priority docur 3. Copies of the certified copies of the application from the International Book * See the attached detailed Office action for a	ments have been received. ments have been received in Ap priority documents have been uureau (PCT Rule 17.2(a)).	oplication No received in this National Stage					
Attachment(s) 1) ☑ Notice of References Cited (PTO-892) 2) ☑ Notice of Draftsperson's Patent Drawing Review (PTO-94 3) ☑ Information Disclosure Statement(s) (PTO-1449 or PTO/S Paper No(s)/Mail Date 20031017, 20040120	8) Paper No(s	ummary (PTO-413) /Mail Date formal Patent Application (PTO-152) 					

Application/Control Number: 10/686,596

Art Unit: 2882

DETAILED ACTION

Specification

1. The abstract of the disclosure is objected to because it is formatted as more than one paragraph. Correction is required. See MPEP § 608.01(b).

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
- 3. Claims 1, 4, 9-15, 19, 21, and 28 are rejected under 35 U.S.C. 102(b) as being anticipated by Tam US 6,130,930 A. Tam shows all of the features of the instant invention including multislice spiral CT imaging apparatus and method using a planar detector where data is collected, projected on a virtual detector, filtered in the direction of a projection of the spiral segments, and reconstructed (abstract, column 12).

Allowable Subject Matter

- 4. Claims 2, 3, 5-8, 16-18, 20, and 22-27 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.
- The following is a statement of reasons for the indication of allowable subject matter: in the method and apparatus as claimed, the prior art fails to show or fairly suggest details about the filtering, (claims 2 and 16), spiral segment (claims 3, 5-7, 17, 18, 20, 22-24), or weighting (claims 8, and 25-27).

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Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Danielsson US 6,275,561 B1, Wang *et al.* US 6,490,335 B1, Tam US 6,018,561 and 5,962,521, and Tam *et al.* US 6,084,937 show projection onto a virtual detector before reconstruction.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to David V. Bruce whose telephone number is (571) 272-2487. The examiner can normally be reached on M - Th and alt Fri 8:00 - 4:30 subject to I-Flex.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward J. Glick can be reached on (571) 272-2490. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

David V Bruce Primary Examiner Art Unit 2882

dvb